

Title (en)
Clipless bicycle pedal

Title (de)
Fahrradpedal ohne Fussraste

Title (fr)
Pédale de bicyclette sans cale-pied

Publication
EP 0619219 B1 19961218 (EN)

Application
EP 94302506 A 19940408

Priority
US 4483793 A 19930408

Abstract (en)
[origin: EP0619219A1] A clipless bicycle pedal employing a clamping mechanism which engages a binding plate (70) on the bottom of a rider's shoe. The clamping mechanism includes two units (38, 40) which pivot about the same axis to engage the binding plate and which may share a biasing mechanism. The pivot axis maybe the same axis as the pedal shaft (12). The overall structure of the preferred embodiment provides a clipless pedal which is lightweight and easy to assembly and maintain. <IMAGE>

IPC 1-7
B62M 3/08

IPC 8 full level
B62M 3/08 (2006.01)

CPC (source: EP US)
B62M 3/086 (2013.01 - EP US); **Y10T 74/2168** (2015.01 - EP US); **Y10T 74/217** (2015.01 - EP US)

Cited by
EP0826588A1; US6128973A; CN110171523A; US6393940B1; US5852956A; US5992266A; EP0753453A1; US5784931A; CN1068840C; EP0826586A1; CN1092587C; EP1531120A3; FR2822433A1; US6227072B1; US5802930A; EP0753454A1; US5784930A; CN1068839C; US8857292B2; US10188171B2; US6230583B1; US9901134B2; WO2006115505A1; US6276235B1; US6543309B2; US9826794B2; US11147339B2; US7174807B2; US10182609B2; US10279862B2; US10759491B2; US11572129B2

Designated contracting state (EPC)
AT CH DE ES FR GB IT LI NL

DOCDB simple family (publication)
EP 0619219 A1 19941012; EP 0619219 B1 19961218; AT E146422 T1 19970115; DE 69401154 D1 19970130; DE 69401154 T2 19970403; HK 1005583 A1 19990115; TW 262444 B 19951111; US 6216558 B1 20010417; US RE42607 E 20110816

DOCDB simple family (application)
EP 94302506 A 19940408; AT 94302506 T 19940408; DE 69401154 T 19940408; HK 98104715 A 19980601; TW 82108192 A 19931005; US 10679402 A 20020326; US 32350094 A 19941014